APPARATUS, SYSTEM, AND METHOD FOR
GRID BASED DATA STORAGE

ABSTRACT OF THE DISCLOSURE

An apparatus, system, and method are disclosed for backing up data across a plurality of clients on a grid computing system. A sequence management apparatus includes a client request module, a sequence module, and packet storage module. The sequence module is configured to receive data to be backed up from a source client. The sequence module is configured to generate a non-transparent sequence key that identifies one or more target clients on the grid computing system. The packet storage module is configured to store a backup copy of the data from the source client on the plurality of target clients according to the non-transparent sequence key. The non-transparent sequence key may be generated by and known only to the sequence management apparatus in order to maintain a minimum security level for the data backed up on the plurality of target clients.